

Black Line Group

The R&D Tax Credit

helping keep your bottom line in the black

keeping your
bottom line **in the BLACK**
with the R&D Tax Credit

Precision Fabricating/Stamping/Tooling

\$30,000+ Tax Credits Identified

- **Goal-** To develop a new product, used in the lighting industry. Customer was unhappy with competitor's work and asked the company to make several improvements to quality, functionality, and reliability
- **Technical uncertainty-** Technical challenges existed because the housing for the lighting product was too large. There were too many features included within it to meet space constraints
- **Experimentation-** The company evaluated several options, eliminating features, configuring features in different ways, and replacing components with smaller components until they discovered the best solution

Contract Manufacturer (fabricated, stamped and CNC parts)

\$47k+ Federal Tax Credits Identified

Goal – Demonstrate the ability to provide cost cutting solutions, continuous improvements, and diverse products to customers

- **Technical uncertainty** – Can company improve quality with design for manufacturability recommendations? Can company reduce operating expenses and reduce manufacturing cycle while meeting customer expectations?
- **Experimentation**- Evaluated best option for manufacturing and developed process improvements. Evaluated several laser options to determine which function in a flexible environment. Redesigned the manufacturing processes to effectively and efficiently implement new manufacturing technology

Precision Injection Plastic Component Manufacturer

\$90,000+ Tax Credits Identified

- **Goal-** To create several precision components for a military helicopter
- **Technical uncertainty-** Whether they would be capable of meeting precision tolerances given the cost constraints of the project
- **Experimentation-** To minimize production time to meet cost constraints, they experimented with holding times, injection speeds, and pressures until they found a solution

Precision Plastic Mold Manufacturer

\$150,000+ Tax Credits Identified

- **Goal-** To develop a mold for a plus-sized clear plastic chair
- **Technical uncertainty-** The company was technically challenged with designing the mold gates and ejector mechanisms without compromising the quality of the chair
- **Experimentation-** The company evaluated alternative locations for the gates, including the top and bottom versus the middle. They also evaluated ejection slides, single action ejection and dual action ejector strokes until they discovered the best solution

Progressive Deep Draw Die and Stamping Manufacturer

\$211,000+ Tax Credits Identified

- **Goal-** To create a safety monitoring component for a Ford automobile
- **Technical uncertainty-** Whether they would be capable of meeting precision tolerances given the unique mounting requirements and cost constraints of the project
- **Experimentation-** To maximize production rates and to meet cost constraints, they experimented with different radii, bend spacing's, and feeding systems until they discovered a solution

Metal Stamping / Tooling / Component Manufacturer

\$23,000+ Tax Credits for 2009

\$100,000+ Total Tax Credits over 4 years

- **Goal-** To improve the efficiency of a manufacturing process and reduce setup time, particularly the loading fixture
- **Technical uncertainty-** The company was technically challenged with how to design the fixture to be more adaptable and less sensitive, which caused more down time due to crashes and also made setup take too much time
- **Experimentation-** The company evaluated several different materials capable of self adjustment for the fixture until they discovered a solution

THANK YOU

Don't hesitate to contact us after the seminar with any additional questions

Scott Schmidt

scott@blacklinegrp.com

(763) 550-0111

3030 Harbor Lane Suite 216

Plymouth MN 55447

www.blacklinegrp.com